

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent Application of:

Kam-Leung Lee, et al.

Serial No.:

10/627,753

Group Art Unit:

2823

Filing Date:

July 28, 2003

Examiner:

Brook Kebede

For:

METHOD FOR SLOWING DOWN DOPANT-ENHANCED DIFFUSION IN

SUBSTRATE AND DEVICES FABRICATED THEREFROM

Honorable Commissioner of Patents Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to Applicants' duty of disclosure under 37 CFR §1.56, Applicants respectfully bring the documents cited in the PCT International Search Report dated October 8, 2004, and listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner.

These citations do not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which applicants are aware.

In compliance with the concise explanation requirement under 37 CFR § 1.98(a)(3) for foreign language documents, Applicants enclose herewith a copy of the PCT International Search Report citing such documents and indicating the degree of relevance found by the foreign office.

I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of that item by a foreign patent office in a counterpart foreign application, which occurred not more than three months prior to the filing of this statement.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Assignee's Deposit Account No. 50-0510.

Respectfully submitted,

Date: December 8, 2004

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Scott M. Tulino, Esq. Registration No. 48,317

Sean M. McGinn, Esq. Registration No. 34,386

McGinn & Gibb, PLLC 8321 Old Courthouse Rd., Suite 200 Vienna, VA 22182-3817 (703) 761-4100 Customer No. 48150

FPREATION DISCLOSURE CITATION					ATTY DOCKET NO.		APPLICATION NO.			
					YOR920030077U	10/627,753				
					APPLICANT(S)					
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1/2/2	` <u>`</u>	- C. S.	U.S	S. PATENT	DOCUMENTS					
*EXAMINER INITIAL	TATRADE	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
			0							
	6,518,150 B1 02/11/03		Matsumoto		·					
	6,069,062 6,180,476 B1		05/30/00	Downey						
			01/30/01	Yu						
	6,38	80,053 B1	04/30/02	Komatsu						
			U.S. PATEN	IT APPLIC	ATION PUBLICATIONS					
*EXAMINER INITIAL	DOCOMENT NOMBER DATE		DATE	NAME CLAS		CLASS	SUBCLASS	FILING DAT	-	
	200	2003/009640 A1 05/22/03		Borland, et al.						
			FORE	IGN PATE	NT DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS		LATION	
			-					YES	NO	
			'							
		OTHER DOCUME	•	_	, Title, Date, Pertinent F	•	•			
Article by T.H. Huang, et al.: "Influence of Fluorine Preamorphization on the Diffusion and Activation of Low-Energy Implanted Boron During Rapid Thermal Annealing", Applied Physics Letters, American Institute of Physics, NY, US Vol. 65, No. 14, October 3, 1994, pp. 1829-1831.										
	Article by S. Saito, et al.: "Defect Reduction by MeV ion Implantation for Shallow Junction Formation", Applied Physic Letters, American Institute of Physics, Vol. 63, No. 2, July 12, 1993, pp. 197-199.									
EXAMINER					DATE CONSIDERED					
		eference considered, whether			Lee with MPEP 609; Draw line to	hrough citati	on if not in conform	mance and r	not	

Form PTO-A820 (also form PTO-1449)

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					ATTY DOCKET NO. YOR920030077U		APPLICATION NO. 10/627,753			
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					FILING DATE July 28, 2003		GROUP ART UNIT 2823			
				S. PATENT	DOCUMENTS			1020		
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE		
INITIAL		6,426,278 B1	07/30/02	Nowak, et	Nowak, et al.		+	IF APPROPR	MATE	
		6,087,209	07/11/00	Yeap, et al.						
		6,410,393 B1	06/25/02	Hao, et al.	l.					
			U.S. PATE	NT APPLIC	ATION PUBLICATIONS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
			FORE	EIGN PATE	ENT DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI YES	NO NO	
		WO 97/42652	11/13/97	PCT						
		OTHER DOCUME	· · · · · · · · · · · · · · · · · · ·		r, Title, Date, Pertinent F	⊃ages, Etc	.)			
PCT International Search Report dated October 8, 2004.										
		PCT Written Opinon of	the Internation	al Searchi	ng Authority.					
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